

Distribution compression connectors

Type AL – Aluminum compression terminal lugs

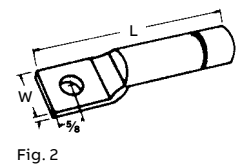
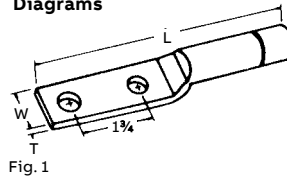


- For aluminum and copper conductor
- NEMA standard mounting holes
- Prefilled with oxide inhibitor
- Complete die and crimp information clearly indented on each lug
- Install with standard tools and dies
- Use 1/2" mounting hardware for all sizes
- Available tin plated (add suffix P to catalogue number)
- Extended barrel for additional crimping area or weather-seal for outdoor terminators

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Cat. no.	Conductor range (AWG or kcmil)					Diameter (in.)		Installation dies		Dimensions (in.)		
	2 hole (fig. 1)	1 hole (fig. 2)	ACSR	AWG (stranded)	Compact	Min.	Max.	Mech. tool	Hyd. tool	W	L	T (pad thickness)
AL4	–		2	1–2	–	0.316	0.332	840	840	1 1/4	5 7/8	5/16
–	AL5		1/0	1/0	2/0	0.368	0.398	K840	B49EA	1 1/4	4 7/8	13/32
AL6	–		1/0	1/0	2/0	0.368	0.398	845	EEl, 11A	1 1/4	6 5/8	13/32
–	AL7		2/0	2/0	3/0	0.414	0.447	TX	K840	1 1/4	6 5/8	13/32
AL8	–		2/0	2/0	3/0	0.414	0.447		249	1 1/4	4 7/8	11/32
–	AL9		3/0	3/0	4/0	0.464	0.502		76	1 1/4	6 5/8	11/32
AL10	–		3/0	3/0	4/0	0.464	0.502		CSA 24	1 1/4	4 7/8	5/16
–	AL11		4/0	4/0	–	0.522	0.563			1 1/4	4 7/8	9/32
AL12	–		4/0	4/0	–	0.522	0.563			1 1/4	6 5/8	9/32
AL16			266 ²⁶ / ₇ , 6/7, 18 ¹ / ₄	250–300	–	0.574	0.679	–	B80EA	1 1/2	7 7/8	7/16
AL18			266 ²⁶ / ₇ , 6/7, 18 ¹ / ₄ , 336 ¹⁸ / ₄	300–350	450 kcmil	0.609	0.772	–	EEl 13A	1 9/16	7 7/8	13/32
AL20			336 ³⁰ / ₇ , 26/7, 18 ¹ / ₄ , 397 ¹⁸ / ₄	336–400	500 kcmil	0.666	0.813	–	655	1 1/8	7 7/8	3/8
									1 1/8	1 9/16	7 7/8	3/8
									96H	1 9/16	7 7/8	3/8
									CSA 26	1 9/16	8 1/8	1/2
AL24			397 ³⁰ / ₇ , 26/7, 18 ¹ / ₄ , 477 ¹⁸ / ₄	450–500	600 kcmil	0.770	0.893	–	106H	1 9/16	8 1/8	1/2
AL28			477 ³⁰ / ₇ , 26/7, 18 ¹ / ₄ , 556 ¹⁸ / ₄	550 and 556	–	0.846	0.964	–	CSA 28	1 9/16	8 1/8	1/2
AL32			556 ²⁶ / ₇ , 24/7, 636 ¹⁸ / ₄	600 and 636	750 kcmil	0.891	0.990	–	B20AH	1 9/16	8 1/8	1/2
									EEl 14A	1 9/16	8 1/8	1/2
									318	1 9/16	8 1/8	1/2
									1 9/16	1 9/16	8 1/8	1/2
AL44			636 ²⁶ / ₇ , 715 ⁵⁴ / ₇ , 666 ²⁴ / ₇	750–800	–	0.990	1.031	–				1/2
AL60*			922 ⁵⁴ / ₇ , 954 ⁴⁸ / ₇	1,000–1,033	–	1.151	1.165	–				1/2

Diagrams



* For aluminum conductor only

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- For aluminum and copper conductor
- NEMA standard mounting holes
- Prefilled with oxide inhibitor
- Complete die and crimp information clearly indented on each lug
- Install with standard tools and dies
- Use ½" mounting hardware for all sizes
- Available tin plated (add suffix P to catalogue number)

Type ALS – Aluminum compression terminal lugs

Cat. no.		Conductor range (AWG or kcmil)					Installation dies		Dimensions (in.)			
2 hole (fig. 1)	1 hole (fig. 2)	ACSR	AWG (stranded)	Compact	Diameter (in.)		Mech. tool	Hyd. tool	W	L	T (pad thickness)	
					Min.	Max.						
-	AL581	4	4	-	0.277	0.213	5/8	B58CS	29/32	237/64	1/4	
AL582	-	4	4	-	0.277	0.213	Peach BG WBG	U-BG	29/32	437/64	1/4	
-	AL583	2	2	-	0.344	0.290	G		29/32	237/64	1/4	
AL584	-	2	2	-	0.344	0.290	TU		29/32	437/64	1/4	
-	AL585	1/0	1/0	2/0	0.422	0.381			29/32	237/64	1/4	
AL586	-	1/0	1/0	2/0	0.422	0.381			29/32	437/64	1/4	
-	ALS1	4	4, 2 Solid	4	0.258	0.232	840	840	29/32	3 3/4	1/4	
ALS2	-	4	4, 2 Solid	4	0.258	0.232	K840	B49EA	1 3/4	5 3/4	1/4	
-	ALS3	2	1-2	1-2	0.332	0.316	845	EEL 11A	29/32	3 3/4	1/4	
ALS4	-	2	1-2	1-2	0.332	0.316	TX	K840	249	1 3/4	5 3/4	1/4
-	ALS5	1/0	1/0	2/0	0.398	0.368		76	29/32	3 3/4	1/4	
ALS6	-	1/0	1/0	2/0	0.398	0.368		CSA24	1 3/4	5 3/4	1/4	
-	ALS7	2/0	2/0	3/0	0.447	0.414			29/32	3 3/4	1/4	
ALS8	-	2/0	2/0	3/0	0.447	0.414			1 3/4	5 3/4	1/4	
-	ALS9	3/0	3/0	4/0	0.502	0.464			29/32	3 3/4	1/4	
ALS10	-	3/0	3/0	4/0	0.502	0.464			1 3/4	5 3/4	1/4	
-	ALS11	4/0	4/0	-	0.563	0.522			29/32	3 3/4	1/4	
ALS12	-	4/0	4/0	-	0.563	0.522			1 3/4	5 3/4	1/4	
-	ALS13	3/0, 4/0	3/0, 4/0, 250 kcmil	250, 300 kcmil	0.575	0.464	-	B80EA	1 3/4	4 5/8	3/8	
ALS14	-	3/0, 4/0	3/0, 4/0, 250 kcmil	250, 300 kcmil	0.575	0.464		EEL 13A	655	1 3/4	6	3/8
-	ALS15	266 ²⁶ / ₇ , 6/7, 18 1/2 kcmil	250-300	350	0.633	0.574		321	96H	1 3/4	4 5/8	3/8
ALS16	-	266 ²⁶ / ₇ , 6/7, 18 1/2 kcmil	250-300	350	0.633	0.574		CSA 26	1 3/4	6	3/8	
-	ALS17	266 ²⁶ / ₇ , 6/7, 18 1/2, 336 ¹⁸ / ₄	300-350	350-400	0.684	0.609			1 3/4	4 5/8	3/8	
ALS18	-	266 ²⁶ / ₇ , 6/7, 18 1/2, 336 ¹⁸ / ₄	300-350	350-400	0.684	0.609			1 3/4	6	3/8	
-	ALS19	336 ³⁰ / ₇ , 26/7, 18 1/2, 397 ¹⁸ / ₄	336-400	450-500	0.743	0.666			1 3/4	4 5/8	3/8	
ALS20	-	336 ³⁰ / ₇ , 26/7, 18 1/2, 397 ¹⁸ / ₄	336-400	450-500	0.743	0.666			1 3/4	6	3/8	
-	ALS23	397 ³⁰ / ₇ , 26/7, 18 1/2, 477 ¹⁸ / ₄	450-500	550-600	0.814	0.743	-	B20AH	1 3/8	5 3/16	9/16	
ALS24	-	397 ³⁰ / ₇ , 26/7, 18 1/2, 477 ¹⁸ / ₄	450-500	550-600	0.814	0.743		EEL 14A	318	1 3/8	6 7/8	9/16
ALS28	-	477 ³⁰ / ₇ , 26/7, 24/7, 556 ¹⁸ / ₄	550-556	650-700	0.883	0.846		15/16	1 3/8	6 7/8	9/16	
ALS32	-	556 ²⁶ / ₇ , 26/7, 636 ¹⁸ / ₄	600-636	750	0.940	0.891		CSA 28	106H	1 3/8	6 7/8	5/8
ALS44	-	636 ²⁶ / ₇ , 715 ⁵⁴ / ₇ , 666 ²⁶ / ₇ , 54/7	750-800	900	1.031	0.990	-	1 1/2	6024	1 3/8	7 3/4	5/8
ALS60*	-	900 ⁵⁴ / ₇ , 954 ⁴⁸ / ₇	1,000-1,033	1033	1.172	1.151		125H	CSA 30	1 5/8	7 3/4	5/8

Diagrams

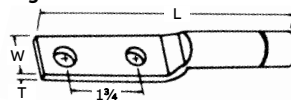


Fig. 1

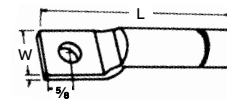


Fig. 2

* For aluminum conductor only